

COVER SHEET FOR FACSIMILE TRANSMISSION

TO: THE U. S. PATENT & TRADEMARK OFFICE
FROM: THE DOW CHEMICAL COMPANY; Midland, Michigan

**RECEIVED
CENTRAL FAX CENTER**

OCT 10 2003

OFFICIAL

DATE OF TRANSMISSION: October 10, 2003

DOW DOCKET NUMBER: 44557A

APPLICATION SERIAL NUMBER: 10/018,629

TYPE OF COMMUNICATION: Supplemental Response with 1.132 Declaration

NO. OF PAGES OF TRANSMISSION INCLUDING THIS COVER SHEET: 25

NAME OF PTO CONTACT: Jan M. Ludlow

TELEPHONE NUMBER FOR PTO CONTACT: (703) 308-4039

FAX NUMBER FOR PTO CONTACT: (703) 872-9310

INTELLECTUAL PROPERTY INFORMATION:

INTELLECTUAL PROPERTY RETURN FAX NUMBER: (989) 636-3237

CONTACT PERSON: Melissa A. Wagner

CONTACT PERSON TELEPHONE NUMBER: (989) 636-3204

D. Hawnece
#5B
RECEIVED
CENTRAL FAX CENTER
OCT 10 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Curtis D. Pfeiffer, Nile N. Frawley, Thomas L. Peters, Philip J. Savickas,
David R. Albers, Steven J. Gluck, Lawrence W. Nicholson, and Jose B.
Esquivel H.

Serial No.: 10/018,629

Group Art Unit: 1743

Filed: December 14, 2001

Examiner: Jan M. Ludlow

From: PCT/US00/19418, filed July 13, 2000

For: METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL

OFFICIAL

CERTIFICATION OF FACSIMILE TRANSMISSION
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent & Trademark Office to Examiner Jan M. Ludlow at: (703) 872-9310 on the date shown below:
October 10, 2003 DATE OF DEPOSIT
Melissa A. Wagner PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE
<i>Melissa A. Wagner</i> SIGNATURE OF PERSON SIGNING CERTIFICATE
October 10, 2003 DATE OF SIGNATURE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE B

This is a Supplemental Response upon Applicants' September 10, 2003 Response to the Office Action, mailed June 10, 2003, for which the shortened statutory response date was September 10, 2003. This Supplemental Response is submitted pursuant to telephone communications with the Examiner on September 26 and 29, 2003. Please reconsider the Application in light of the following remarks and amendments.

Applicants believe that no fees are due for this Supplemental Response. However, if Applicants are in error as to this opinion, the Commissioner is hereby authorized to charge any required fee or amount to our Deposit Account No. 04-1512.

10/018,629

PRELIMINARY REMARKS

The present Response has been prepared pursuant to telephone communications with the Examiner on September 26 and 29, 2003, in which the Examiner stated: (1) that Claims 9-16 would be considered in condition for allowance if Applicants were to authorize an amendment to Claim 9 to eliminate reference to a "broad range" of compounds, as further explained below; and (2) that Claims 1-8 and 18-21 would not be considered enabled and non-obvious without:

(2A) Applicants' establishing that methods of the claimed invention would work, not only with the exemplified biological materials, but also with animal (and human) biological materials; and

(2B) Applicants' providing data showing that selection of an alcohol other than isopropanol, e.g., methanol or ethanol, fails to achieve the unexpected results Applicants obtained by selection of isopropanol for use in an extraction solvent.

The remarks, amendments, and attachments discussed below have now been prepared in order to address these three remaining items.